

## CLAIM AMENDMENTS

1. (Currently Amended)

A medium for cultivating and producing mites ~~group~~  
~~consisting of which is~~ free from human or animal ~~elements~~  
~~or proteins~~ substances and ~~comprises~~ comprising effective  
amounts[[,]] of a plurality of amino acids in particulate  
form with a particle size of less than 250  $\mu\text{m}$ , or a  
plurality of amino acids in lyophilised form.

2. (Previously Presented)

The medium of claim 1, which comprises amino acids  
obtained by grinding amino acids.

3. (Previously Presented)

The medium of claim 2, which comprises lyophilized  
amino acids and/or amino acids obtained commercially.

4. (Previously Presented)

The medium of claim 1, which comprises lyophilized  
amino acids and amino acids obtained commercially.

5. (Previously Presented)

The medium of claim 1, wherein it contains salts.

6. (Previously Presented)

The medium of claim 1, wherein the mixture of amino acids contains at least 50% of amino acids which naturally make up proteins or the equivalents thereof.

7. (Previously Presented)

The medium of claim 1, wherein the mixture of amino acids reproduces the spectrum of amino acids that make up keratin or the stratum corneum.

8. (Previously Presented)

The medium of claim 1, wherein the mixture of amino acids reproduces the spectrum of amino acids present in shrimp eggs or in soya.

9. (Currently Amended)

The medium of claim 7, wherein the respective proportions of the amino acids of said mixture are similar to the quantitative proportions of the amino acids and salts in keratin or the stratum corneum ~~or shrimp eggs or soya.~~

10. (Currently Amended)

The medium of claim 8, wherein the respective proportions of the amino acids of said mixture are similar to the quantitative proportions of the amino acids and salts found in a substance selected from the group consisting of ~~keratin, the stratum corneum,~~ shrimp eggs and soya.

11. (Cancelled)

12. (Currently Amended)

The medium of claim ~~11~~ 1, which also contains wheat germ and/or yeast, especially baker's yeast, and/or cyanocobalamine and/or d-biotin.

13. (Previously Presented)

The medium of claim 1, which contains soya.

14. (Previously Presented)

The medium of claim 1, which contains at least 50% of the following amino acids:

- L-alanine
- L-arginine
- L-aspartic acid
- L-cysteine/cystine
- L-glutamic acid
- glycine
- L-histidine
- L-isoleucine
- L-leucine
- L-Lysine
- L-methionine
- L-phenylalanine
- L-proline
- L-serine
- L-threonine
- L-tryptophane
- L-tryrosine and
- L-valine.

15. (Previously Presented)

The medium of claim 14, which contains the amino acids in the following proportions, adding up to a total of 93.711 g:

- L-alanine	3.8 g
- L-arginine	4.2 g
- L-aspartic acid	5.2 g
- L-cysteine hydrochloride monohydrate expressed as L-cysteine/L-cystine	1.7 g
- L-glutamic acid	11.5 g
glycine	2.7 g
- L-histidine	3.1 g
- L-isoleucine	5.0 g
- L-leucine	6.7 g
- L-lysine hydrochloride, expressed as L-lysine	5.0 g
- L-methionine	2.4 g
- L-phenylalanine	7.0 g
- L-proline	10.3 g
- L-serine	9.6 g
- L-threonine	3.8 g
- L-tryptophane	1.3 g
- L-tyrosine	0.6 g

- L-valine 5.5 g
- calcium chloride dehydrate 0.44g
- magnesium sulphate  
heptahydrate 0.493g
- sodium hydroxide 0.6 g
- potassium hydroxide 0.70g and
- potassium chloride 0.078g.

16-19 (Cancelled)

20. (Previously Presented)

A medium of claim 1, wherein said mites belong to at least one of the following species: *Dermatophagoids pteronyssinus*, *Dermatophagoides farinae*, *Blomia kulagini* or *tropicalis*, *Pyroglyphus africanus*, and *Euroglyphus maynei*.